| Index of | Claims |
|----------|--------|
|          |        |

| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 09/884,510      | FESSENDEN ET AL |  |
| Examiner        | Art Unit        |  |
| Tanim Hossain   | 2141            |  |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| ı | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla         | aim      | n Date       |          |   |  |  |          | ] [      | Cla  | im   | Date |                     |          |                        |          | Claim           |                         |          |     | Date     |          |                                 |    |          |  |                 |          |             |          |
|-------------|----------|--------------|----------|---|--|--|----------|----------|--|--|------|---------------------|----------|------------------------|----------|-----------------|-------------------------|----------|-----|----------|----------|---------------------------------|----|----------|--|-----------------|----------|-------------|----------|
|             | T        |              |          |   |  |  |          |          |  |  |      |                     |          |                        |          |                 |                         |          | I   |          |          |                                 | Т  |          |  |                 | $\neg$ T | $\neg \top$ | $\neg$   |
| <u>m</u>    | Original | 9/23/04      |          |   |  |  |          |          |  |  |      | $\overline{\sigma}$ | Original |                        |          |                 |                         | 0        | -   | <u>m</u> | Original |                                 |    |          |  |                 | - 1      |             |          |
| Final       | ig       | /23          |          |   |  |  |          |          |  |  |      | Final               | rig      |                        |          |                 |                         |          |     | Final    | [일       | ŀ                               |    |          |  |                 |          |             |          |
|             | 0        | 6            |          |   |  |  |          |          |  |  |      |                     | 0        | ]                      |          |                 |                         |          |     |          | 0        |                                 |    |          |  |                 |          |             |          |
|             | 1        | 1            |          |   |  |  |          |          | <u> </u>   |  |      |                     | 51       |                        |          | $\neg \uparrow$ | 11                      | 1        | - 1 |          | 101      |                                 | -  | ┢        | <b></b>  |                 |          |             | T        |
|             | 2        | 1            | $\vdash$ |   |  |  |          |          | _  |  |      |                     | 52       |                        | $\top$   |                 | $\top$                  |          |     |          | 102      |                                 | +  | <b>†</b> |  |                 |          | _           | $\neg$   |
|             | 3        | V            | _        |   | $\vdash$   |  |          |          |  |  |      |                     | 53       |                        | +        | _               | +                       |          |     |          | 103      | $\neg$                          | +  | 1-       | <del>                                     </del> |                 |          | T           | $\neg$   |
| <b>—</b>    | 4        | 1            |          |   | ┢  | $\vdash$   |          |          |  |  |      |                     | 54       |                        | +-       |                 | +                       | -        | 1   |          | 104      |                                 | +  | ╁┈       |  | _               | 1        | 7           | 7        |
|             | 5        | V            | <b>—</b> |   | <del>                                     </del> |  |          | $\vdash$ |  |  | :    |                     | 55       |                        | +        |                 | 11                      |          |     |          | 105      |                                 | +  |          | -  |                 | 一        | 7           | _        |
| <b>—</b>    | 6        | V            | $\vdash$ | _ |  | -  |          |          |  |  | † †  |                     | 56       |                        | $\top$   |                 | 11                      |          | ŀ   |          | 106      | _                               | _  | t        |  |                 |          | 7           | $\dashv$ |
|             | 7        | V            | 1        |   | $\vdash$   |  |          |          | <del> </del>                                     |  |      |                     | 57       |                        | +        |                 | 11                      |          | ٠.  |          | 107      |                                 | +  | ┪        |  | -               | _        | 寸           | _        |
| <b>——</b>   | 8        | V            |          |   | -  | <u> </u>   |          | -        |  |  |      |                     | 58       |                        |          |                 | 11                      | _        | - 1 |          | 108      | _                               | ╅  | ┢        | -  |                 | $\dashv$ | $\dashv$    | $\dashv$ |
|             | 9        | 1            |          |   |  |  |          |          |  |  |      |                     | 59       |                        |          |                 | +                       | -        | ŀ   | -        | 109      |                                 | +  | $\vdash$ |  |                 | $\dashv$ | $\dashv$    | $\dashv$ |
|             | 10       | Ì            |          |   |  | -  |          | -        | $\vdash$   | —  |      |                     | 60       | -+++                   | +        |                 | +++                     |          |     |          | 110      | -                               | +  | -        | -  |                 |          | -           | $\dashv$ |
|             | 11       | V            | $\vdash$ |   | ┢  |  |          |          |  |  |      |                     | 61       |                        | +-       |                 | 1-+                     |          | ŀ   |          | 111      | +                               | +  |          | -  |                 | $\dashv$ | $\dashv$    | _        |
|             | 12       | 1            |          |   | $\vdash$   | H  |          | H        |  | H  | 1    |                     | 62       | <del>-   -   -  </del> | +        |                 | +-+                     |          |     |          | 112      |                                 | +- | $\vdash$ | $\vdash$   | H               | $\dashv$ | $\dashv$    | $\dashv$ |
| <b>-</b>    | 13       | 1            | H        |   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | <del>                                     </del> |  |      |                     | 63       | <del>-   .   .  </del> |          |                 | +                       |          | 1   |          | 113      |                                 | +  | $\vdash$ | ╁  | $\vdash$        | $\dashv$ | $\dashv$    | $\dashv$ |
| <b></b>     | 14       | 1            |          |   |  | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$   |  |      |                     | 64       |                        | -        | $\vdash$        | +                       | $\dashv$ |     |          | 114      | $\dashv$                        | +  |          |  | $\vdash$        | -        |             | $\dashv$ |
| <u> </u>    | 15       | Ì            | -        |   | H  | -  |          |          | $\vdash$   |  |      |                     | 65       | <del>-   -   -  </del> | -        |                 | +                       | ┥.       | 1   | -        | 115      |                                 | +- | ├-       | -  |                 | -        | $\dashv$    | $\dashv$ |
|             | 16       | Ì            | $\vdash$ |   | $\vdash$   |  |          |          | -  |  |      |                     | 66       |                        | -        |                 | +-+                     | - ;      | 1   |          | 116      | +                               | ++ |          | $\vdash$   | $\vdash$        | $\dashv$ | -           | $\dashv$ |
|             | 17       | 1            | -        |   |  |  | $\vdash$ |          |  |  |      |                     | 67       | -+                     | +-       |                 |                         | ⋅        | ŀ   |          | 117      | +                               |    |          | -  | -               | -        | -           | -1       |
|             | 18       | <u> </u>     | $\vdash$ |   |  |  |          |          | <del> </del> —                                   |  |      |                     | 68       | +++                    | +        |                 |                         |          | 1   | -        | 118      | +                               | +- | ├        | -  | -               | -        | $\dashv$    | $\dashv$ |
|             | 19       |              |          |   | $\vdash$   | H  | $\vdash$ |          |  |  |      |                     | 69       |                        | +        | -               | +                       |          | ŀ   |          | 119      | -                               | +  | $\vdash$ | $\vdash$   |                 |          |             |          |
|             | 20       |              |          |   |  |  |          | -        |  |  | 0    |                     | 70       |                        |          |                 | +                       | $\dashv$ | 1   |          | 120      |                                 |    |          | <del> </del>                                     | -               | -        | $\dashv$    | $\dashv$ |
|             | 21       |              |          |   | ┢  | H  |          |          |  |  |      |                     | 71       | +++                    | +        |                 | +                       | $\dashv$ | ŀ   |          | 121      | -                               | +- | ┢        | <u> </u>   |                 |          | $\dashv$    | $\dashv$ |
|             | 22       | $\vdash$     | Н        | _ | -  |  |          |          |  | _  |      |                     | 72       |                        | +        | +               | ++                      | '        | ŀ   |          | 122      | +                               | +  | -        |  |                 |          |             | ᅱ        |
|             | 23       | -            | -        |   |  | -  | *        |          | -  |  | } }  |                     | 73       |                        | +        |                 | + +                     | -1       | -   | -        | 123      |                                 | -  |          |  | -               |          | $\dashv$    | $\dashv$ |
|             | 24       |              | H        | - |  | $\vdash$   | <b></b>  |          | -  |  |      |                     | 74       | <del></del>            | -        |                 | +                       |          | ŀ   |          | 124      | +                               | +  |          | Н  |                 |          |             | $\dashv$ |
|             | 25       | -            |          | - | ┝  |  |          |          |  |  |      |                     | 75       |                        | +        | +               | +                       | -        | +   |          | 125      |                                 |    |          | H  |                 | $\dashv$ | -           | $\dashv$ |
|             | 26       |              | Н        | - | $\vdash$   | Н  | <u> </u> |          |  |  |      |                     | 76       |                        | +        |                 | +                       |          | - } |          | 126      | -                               | +  |          | Н  |                 | -        | -           | $\dashv$ |
|             | 27       | $\vdash$     | $\vdash$ |   | $\vdash$   | Н  | $\vdash$ | -        | -  |  |      |                     | 77       | <del>-   -   -  </del> | +        |                 |                         | $\dashv$ |     |          | 127      | +                               |    |          |  |                 | $\dashv$ | $\dashv$    | $\dashv$ |
| -           | 28       |              | -        |   | ├  | $\vdash$   | -        | _        | $\vdash$   |  |      |                     | 78       | ++                     |          | -               | ++                      | -        | 1   |          | 128      | +                               | +  | -        | H  |                 | -        | -           | $\dashv$ |
|             | 29       |              | $\vdash$ | _ | ⊢  | Н  | $\vdash$ |          | $\vdash$   | _  |      |                     | 79       | + +                    |          | -               | ++                      | -        | 1   |          | 129      | -                               | +- | ├        | H  |                 |          | $\dashv$    | ᅱ        |
|             | 30       |              | -        |   |  | H  | -        | _        | $\vdash$   | _  |      | 111                 | 80       |                        | +-       |                 |                         | - 1      | -   |          |          | -                               | -  | -        |  |                 | -        | -           |          |
|             | 31       |              | $\vdash$ |   |  |  | -        |          |  |  |      |                     |          |                        |          | +               | +                       |          | 1   |          | 130      |                                 | +- |          | H  |                 | $\dashv$ | -           | -        |
|             | 32       | -            | H        |   |  |  |          |          |  | _  |      |                     | 81<br>82 |                        |          | +               |                         |          | 1   |          | 131      | +                               | +  |          | H  |                 | -        | -           | $\dashv$ |
|             |          |              | $\vdash$ |   |  |  | -        | -        |  |  |      |                     |          | <del></del>            | +-       | -               | +                       |          | 1   |          | 132      |                                 | +- |          | <u> </u>   | -               |          | -           | $\dashv$ |
|             | 33<br>34 | <u> </u>     | $\vdash$ |   | -  | Н  | $\vdash$ | $\vdash$ | $\vdash$   | -  |      |                     | 83<br>84 |                        | +        | $\dashv$        | ++                      | 4.5      | 1   |          | 133      | -                               | -  | $\vdash$ | -  | $\vdash$        | $\dashv$ | $\dashv$    | $\dashv$ |
| <del></del> | 35       | <del> </del> |          |   | ├  | H  | $\vdash$ | $\vdash$ | $\vdash$   | _  |      |                     |          |                        |          |                 | +                       | $\dashv$ | 1   |          | 134      |                                 |    | $\vdash$ | $\vdash$   |                 | $\dashv$ | $\dashv$    | _        |
| -           | 36       | <u> </u>     | $\vdash$ |   | <del> </del>                                     | H  | -        | $\vdash$ | <u> </u>   |  |      |                     | 85       |                        | $\dashv$ |                 |                         | ┨.       | ŀ   |          | 135      | +                               | +- |          | -  | $\vdash$        | $\dashv$ | $\dashv$    | $\dashv$ |
|             | 37       | <u> </u>     |          |   | _  | -  | <u> </u> | _        | $\vdash$   |  |      |                     | 86       | <del></del>            |          | -               | +                       | -        | -   |          | 136      |                                 | +  | -        | -  |                 | $\dashv$ | $\dashv$    |          |
| <b>-</b>    | 38       |              |          |   |  |  |          |          |  |  |      |                     | 87       | <del></del>            | -        | $\vdash$        | ++                      |          | 1   |          | 137      |                                 | +- |          | -  | $\vdash$        | $\dashv$ | $\dashv$    | $\dashv$ |
|             | 39       | $\vdash$     | $\vdash$ |   | $\vdash$   | <u> </u>   | H        | $\vdash$ | $\vdash$   | -  |      |                     | 88       |                        |          | <b></b>         | +                       | _        | -   |          | 138      | $-\!\!\!\!+\!\!\!\!\!\!\!\!\!+$ |    | $\vdash$ |  | $\vdash$        | $\dashv$ |             |          |
| <b></b>     |          | -            | -        |   | -  |  | -        |          |  |  | 2    |                     | 89       | +++                    | +-       | $\vdash$        | ++                      | -        | -   |          | 139      | +                               |    | -        | <del> </del>                                     |                 |          | $\dashv$    | $\dashv$ |
| <u> </u>    | 40       |              |          |   | -  | $\vdash$   | $\vdash$ |          | $\vdash$   | -  | 1 "  |                     | 90       | +                      | +-       |                 | +                       |          |     |          | 140      | +                               | ┼  | $\vdash$ | -  |                 |          |             | $\dashv$ |
|             | 41       | -            | Н        |   |  |  |          | H        |  | <u> </u>                                       |      |                     | 91       |                        |          | $\vdash$        | +                       |          | -   |          | 141      | $\dashv$                        | +- |          |  | $\vdash$        |          | $\dashv$    | $\dashv$ |
| <u> </u>    | 42       | <del> </del> |          |   |  |  |          |          |  | ļ. <u>.                                   </u> |      |                     | 92       | $\dashv \dashv \dashv$ | +-       |                 |                         | - 1      | 1   |          | 142      |                                 | -  | -        | -  |                 |          |             | $\dashv$ |
|             | 43       | -            |          | _ |  |  | ļ        |          | <u> </u>   | <b> </b> -                                     |      |                     | 93       | $\dashv \dashv \dashv$ | -        | <u> </u>        | -                       | 4        | 1   |          | 143      | _                               | -  | <u> </u> | $\vdash$   | $\vdash \vdash$ |          | _           | $\dashv$ |
|             | 44       |              | $\vdash$ |   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ |  | <u> </u>                                       |      |                     | 94       | +                      |          |                 | $\downarrow \downarrow$ | _        | 1   |          | 144      |                                 |    | -        | -  |                 |          | -           | _        |
| ļ           | 45       | <u> </u>     | $\vdash$ |   | -  |  | <u> </u> |          | <u> </u>   | <u> </u>                                       |      |                     | 95       |                        | - -      | _ _             | -                       | _ :      | 1   |          | 145      | -                               |    | -        |  | $\square$       | _        |             | 4        |
|             | 46       | <del> </del> |          |   | -  |  | <u> </u> | -        | _  | <u> </u>                                       |      |                     | 96       |                        | 4_       | L.              | 1                       |          |     |          | 146      |                                 | ┼- | <u> </u> |  |                 | _        |             | _        |
|             | 47       |              | Щ        |   | _  | $\vdash$   |          | L        | <u> </u>   | L.   |      |                     | 97       | + + +                  | $\bot$   |                 | $\perp$                 | -        | 1   |          | 147      |                                 |    | -        | $\vdash$   |                 | _        | _           | _        |
|             | 48       | <u> </u>     | <u> </u> |   | <u> </u>   | L  | <u> </u> |          | _  | L  |      |                     | 98       |                        |          |                 | $\bot\bot$              | _        |     |          | 148      | $\perp$                         |    | <u> </u> | <u> </u>   |                 | $\dashv$ | $\dashv$    | _        |
|             | 49       | <u> </u>     |          |   | ļ  | <u> </u>   |          |          | $\vdash$   | L.   |      |                     | 99       |                        | $\perp$  | _               | $+ \bot$                | _        | L   |          | 149      |                                 |    |          | $\vdash$   |                 | _        | _           | _        |
| L           | 50       |              |          |   |  |  | L        |          | L  | L  |      |                     | 100      |                        |          |                 |                         |          |     |          | 150      |                                 |    | 1        | L  |                 |          |             |          |